

We claim:

1. A water treatment system for a contained water volume comprising:

a water treatment device with a water treatment material contained therein, said device including a container for holding the water treatment material, said container having an outlet
5 for passage of water therethrough while maintaining the water treatment material in the container; and

a base member supporting said water treatment device, said base member adapted for positioning the water treatment device adjacent a main drain intake of a contained water volume whereby the system contacts and purifies a portion of the contained water volume
10 flowing into the main drain intake of the contained water volume .

2. The water treatment system of claim 1 wherein the water treatment device includes a water treatment puck for supporting the water treatment device on said base member.

15 3. The water treatment system of claim 1 wherein the water treatment device includes metal ion yielding water treatment material contained therein.

4. The water treatment system of claim 1 wherein the water treatment device includes silver chloride water treatment material contained therein.

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5. The water treatment system of claim 1 including:

a shroud extending over said container to deflect debris away from said container;

a first water inlet directing a portion of water flowing thereto into the water treatment material container and a further portion through the container without contacting the water
25 treatment material;and

a cover extending over said first water inlet to inhibit debris from blocking said first water inlet while allowing water to flow around said cover and through said water treatment device.

- X 5 6. A water treatment system for a contained water volume comprising:
a water treatment device with a water treatment material contained therein, said device including a container for holding the water treatment material, said container having an outlet for passage of water therethrough while maintaining the water treatment material in the container;
- 10 a floatation member supporting said water treatment device, said floatation member adapted for buoyantly supporting the water treatment device at the surface of the contained water volume, whereby the system contacts and treats a portion of the contained water volume flowing to the treatment system floating in the contained water volume .
- 15 7. The water treatment system of claim 6 wherein the water treatment device includes a water treatment puck for supporting the water treatment device on said floatation member.
- X 8. The water treatment system of claim 6 wherein the water treatment device includes metal ion yielding water treatment material contained therein.
- 20 9. The water treatment system of claim 6 wherein the water treatment device includes silver chloride water treatment material contained therein.
10. The water treatment system of claim 6 including:
25 a shroud extending over said container to deflect debris away from said container;and

a first water inlet directing a portion of water flowing thereto into the water treatment material container and a further portion through the container without contacting the water treatment material.

5 11. The water treatment system of claim 10 including:

a cover extending over said first water inlet to inhibit debris from blocking said first water inlet while allowing water to flow around said cover and through said water treatment device.

10 12. A water treatment system for a contained water volume comprising:

a water treatment device with water treatment material contained therein, said device including a container for holding the water treatment material, said container having an outlet for passage of water therethrough while maintaining the water treatment material in the container; and

15 a mounting flange member supporting said water treatment device, said mounting flange member adapted for securing and positioning the water treatment device adjacent a water return inlet fitting of a contained water volume, whereby the system contacts and treats a portion of the contained water volume flowing from the return inlet into the contained water volume .

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13. The water treatment system of claim 12 wherein the water treatment device includes metal ion yielding water treatment material contained therein.

14. The water treatment system of claim 12 wherein the water treatment device includes
25 silver chloride water treatment material contained therein

15. The water treatment system of claim 12 including:

a shroud extending over said container to deflect debris away from said container;and

a first water inlet directing a portion of water flowing thereto into the water treatment material container and a further portion through the container without contacting the water
5 treatment material.

16. The water treatment system of claim 15 including:

a cover extending over said first water inlet to inhibit debris from blocking said first water inlet while allowing water to flow around said cover and through said water treatment
10 device.

X 17. A water treatment system for a contained water volume comprising:

a water treatment device with water treatment material contained therein, said device including a container for holding the water treatment material, said container having an outlet
15 for passage of water therethrough while maintaining the water treatment material in the container;

a floatation member supporting said water treatment device, said floatation member adapted for buoyantly supporting the water treatment device at the surface of the contained water volume in a contained water volume , said flotation member having an interior passage
20 for directing water toward the water treatment device supported therein; and

a flexible hose member secured at a first end to the floatation member interior passage and at a second end to a water return inlet for the contained water volume , whereby the system contacts and treats a portion of the contained water volume flowing from the contained water volume return inlet, through the flexible hose member to the treatment
25 system floating in the contained water volume .

18. The water treatment system of claim 17 wherein the water treatment device includes a water treatment puck for supporting the water treatment device on said floatation member.

✕ 19. The water treatment system of claim 17 wherein the water treatment device includes
5 metal ion yielding water treatment material contained therein.

✕ 20. The water treatment system of claim 17 wherein the water treatment device includes silver chloride water treatment material contained therein.

10 21. The water treatment system of claim 17 including:
a shroud extending over said container to deflect debris away from said
container; and
a first water inlet directing a portion of water flowing thereto into the water treatment
material container and a further portion through the container without contacting the water
15 treatment material.

22. The water treatment system of claim 21 including:
a cover extending over said first water inlet to inhibit debris from blocking said first
water inlet while allowing water to flow around said cover and through said water treatment
20 device.

23. A water treatment system for a contained water volume comprising:
a water treatment device with water treatment material contained therein, said device
including a container for holding the water treatment material, said container having an outlet
25 for passage of water therethrough while maintaining the water treatment material in the
container; and

a debris prefilter member for a pump, the prefilter member adapted for filtering a portion of the contained water volume of the contained water volume, the prefilter member including an inlet and an outlet with a debris retaining mesh basket member positioned at said inlet of said prefilter member, said water treatment device positioned within said mesh basket member, whereby the system contacts and treats a portion of the contained water volume flowing through said prefilter member.

24. The water treatment system of claim 23 wherein the water treatment device includes metal ion yielding water treatment material contained therein.

25. The water treatment system of claim 23 wherein the water treatment device includes silver chloride water treatment material contained therein.

26. The water treatment system of claim 23 including:

a shroud extending over said container to deflect debris away from said container; and

a first water inlet directing a portion of water flowing thereto into the water treatment material container and a further portion through the container without contacting the water treatment material.

27. The water treatment system of claim 26 including:

a cover extending over said first water inlet to inhibit debris from blocking said first water inlet while allowing water to flow around said cover and through said water treatment device.

28. A water treatment system for a contained water volume comprising:

a water treatment device with water treatment material contained therein, said device including a container for holding the water treatment material, said container having an outlet for passage of water therethrough while maintaining the water treatment material in the container;

5 a fluid powered debris collection member adapted for submersion in the contained water volume, the debris collection member including a debris retaining mesh bag member positioned at an outlet of said collection member, said water treatment device positioned within said mesh bag member, whereby the system contacts and treats a portion of the contained water volume flowing through the fluid powered debris collection member.

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29. The water treatment system of claim 28 wherein the water treatment device includes metal ion yielding water treatment material contained therein.

15 30. The water treatment system of claim 28 wherein the water treatment device includes silver chloride water treatment material contained therein.

31. The water treatment system of claim 28 including:
a shroud extending over said container to deflect debris away from said container; and

20 a first water inlet directing a portion of water flowing thereto into the water treatment material container and a further portion through the container without contacting the water treatment material.

32. The water treatment system of claim 31 including:

25 a cover extending over said first water inlet to inhibit debris from blocking said first water inlet while allowing water to flow around said cover and through said water treatment device.

33. A water treatment system for a contained water volume comprising:
a water treatment device with water treatment material contained therein, said device
including a container for holding the water treatment material, said container having an outlet
5 for passage of water therethrough while maintaining the water treatment material in the
container; and

a leaf trap member adapted for removing debris from a portion of the contained
water volume, the leaf trap member having an intake and an outlet, and including a debris
retaining mesh bag member positioned at said intake of said leaf trap member, and an outlet
10 hose member connecting said leaf trap member with a suction source, said water treatment
device positioned within said mesh bag member adjacent said leaf trap member intake,
whereby the system contacts and treats a portion of the contained water volume flowing
through the leaf trap member.

15 34. The water treatment system of claim 33 wherein the water treatment device includes
metal ion yielding water treatment material contained therein.

35. The water treatment system of claim 33 wherein the water treatment device includes
silver chloride water treatment material contained therein.

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36. The water treatment system of claim 33 including:
a shroud extending over said container to deflect debris away from said
container; and

a first water inlet directing a portion of water flowing thereto into the water treatment
25 material container and a further portion through the container without contacting the water
treatment material.

37. The water treatment system of claim 33 including:

a cover extending over said first water inlet to inhibit debris from blocking said first water inlet while allowing water to flow around said cover and through said water treatment device.

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38. The water treatment system of claim 33 including:

a shroud extending over said container to deflect debris away from said container; and

a first water inlet directing a portion of water flowing thereto into the water treatment material container and a further portion through the container without contacting the water treatment material.

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39. The water treatment system of claim 38 including:

a cover extending over said first water inlet to inhibit debris from blocking said first water inlet while allowing water to flow around said cover and through said water treatment device.

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40. A water treatment system for a contained water volume comprising:

a water treatment device with water treatment material contained therein, said device including a container for holding the water treatment material, said container having an outlet for passage of water therethrough while maintaining the water treatment material in the container; and

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a cartridge filter assembly adapted for filtering a portion of the contained water volume, the cartridge filter assembly including a debris retaining cartridge filter member contained in a filter housing member having an inlet and an outlet; and

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a support member positioned proximate an end of said cartridge filter member adjacent a fluid passage of said cartridge filter assembly, said water treatment device positioned

proximate said support member within said filter housing member, whereby the system contacts and treats a portion of the contained water volume flowing through the cartridge filter assembly.

5 41. The water treatment system of claim 40 wherein the water treatment device includes metal ion yielding water treatment material contained therein.

42. The water treatment system of claim 40 wherein the water treatment device includes silver chloride water treatment material contained therein.

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43. The water treatment system of claim 40 including:

 a shroud extending over said container to deflect debris away from said container;
and

 a first water inlet directing a portion of water flowing thereto into the water treatment
15 material container and a further portion through the container without contacting the water treatment material.

44. The water treatment system of claim 40 including:

 a cover extending over said first water inlet to inhibit debris from blocking said first
20 water inlet while allowing water to flow around said cover and through said water treatment device.

45. The water treatment system of claim 40 wherein the support member is positioned on a top end of the cartridge filter assembly